FOS CDR RID Report

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Review FOS	
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Priority 2	

Section NA   **Page** NA   **Figure Table** NA

Category Name Interfaces   **Actionee** ECS

Sub Category

Subject External Interfaces - Automated Service Requests to EDOS during real-time support for a change in data rates for forward and return service.

Description of Problem or Suggestion:

A change in the data rate during a real-time pass via the GCMR and GCM confirmation process would operate more efficiently in the EOS Network via an automated message from the EOC to EDOS. Without an automated Service Request changing the EOS data rate during real-time support, the EOC Flight Operations would notify EDOS over the Voice Network of a change in data rate. The EDOS operator would then manually enter the change in data rate to the EDOS system.

Originator's Recommendation

There is little impact to EDOS development with an automated Service Request from the EOC to EDOS since EDOS has to develop the interface with the operator to accept the service request manually. Therefore, it is recommended that the EOC send an automated Service Request to more efficiently implement a change in data rate in the EOS Network during real-time support.

GSFC Response by: **GSFC Response Date**

HAIS Response by: Andy Miller   **HAIS Schedule**

HAIS R. E. Scott Carter   **HAIS Response Date** 11/3/95

The ECS FOS baseline does not include an electronic exchange of messages (i.e. EDOS Service Requests) for configuration of EDOS. A potential Configuration Change Request (CCR) to include this capability was discussed jointly by the NASA/FOS team and the ECS/FOS team. At the time of this discussion it was decided that the very infrequent reconfiguration of EDOS did not warrant further automation.

Future changes to the EOS Ground System (i.e. Reshape), will require the FOS to support remote configuration of EDOS. The FOS Real-Time Contact Management subsystem has been designed with this possibility in mind and will be able to evolve to meet such a change in requirements.

Status **Closed**   **Date Closed** **11/30/95**   **Sponsor** **Johns**

****** **Attachment if any** ******